

### REMARKS

By this amendment, Claims 2 through 5 have been cancelled and Claims 6 through 9 have been added. Claims 7 and 9 correspond to original Claim 4. Claims 6 and 8 correspond to the embodiments shown on Figures 1 and 2/3 respectively. It is believed that Claims 6 and 8 are fully supported by the Figures and the description relative thereto.

The device used in the present invention is the subject of Applicants' U.S. Patent Application Serial Number 10/030,927, filed on January 11, 2002.

Claims 2 through 5 were rejected under 35 U.S.C.112, paragraph 1. The Examiner has indicated that Applicants "have provided enablement only for certain and specific features of the jet dispenser being adjustable." It is believed that Claims 6 through 9 are fully supported by the present application. In fact, as presently claimed, the phrase "adjustable jet dispenser" is not used. Reconsideration of the rejection is requested.

Claims 2 and 5 were rejected under 35 U.S.C.112, paragraph 2. The phrase "variable throughput" is not in the present claims. The Examiner also questioned the phrase "can be opened and closed." As presently claimed, the movement of the moveable piston is such that the openings can be partially or completely closed. As claimed the movement is caused either via a pneumatic drive or an electric step motor. Applicants respectfully submit that one of skill in the art would have no trouble in understanding exactly what is now being claimed. Reconsideration of the rejection is requested.

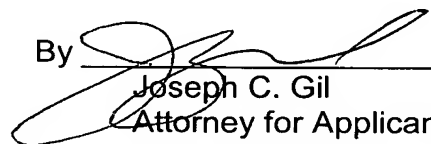
Claims 2 through 5 were rejected under 35 U.S.C.102 as being anticipated by the Kahl et al reference (U.S. Patent 5,723,518). Applicants submit that the reference does not disclose the claimed invention. More particularly, the reference does not describe a dispenser comprising a ceramic sleeve having openings in the wall thereof, with the openings communicating with one end of a pipe. The reference does not describe a device where the ceramic sleeve has an open end and a

moveable ceramic piston located opposite the open end. The reference does not describe that the movement of the piston is such that the openings can be partially or completely closed and that the movement of the piston is caused either via a pneumatic drive or an electric step motor. Because the reference does not describe the dispensing device of the present invention, the reference clearly does not describe that the mixture is either a) pumped into the open end of the ceramic sleeve, through the openings, and through the pipe or b) pumped into the pipe, through the openings and through the ceramic sleeve. Reconsideration of the rejection is requested.

In view of the remarks and amendments presented herein, it is submitted that this application is in condition for allowance and such action is respectfully requested.

Respectfully submitted,

By

  
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